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IN THE CLAIMS:

1. (previously presented) A method of enhancing herbicidal activity of a glyphosate herbicide, comprising adding to said glyphosate herbicide a first surfactant and a second surfactant to form a composition consisting essentially of glyphosate, a first surfactant, and a second surfactant at a weight ratio of total surfactant to glyphosate acid equivalent of about 1:30 to about 2:1, wherein said first surfactant has a chemical structure comprising a cationic or protonatable amino group and a C₈₋₂₄ hydrocarbyl group, and said second surfactant has the chemical formula

where R is a C_{7-23} hydrocarbyl group, n is 1 to 4, M is hydrogen or a cationic counter on, and R' groups are each independently hydrogen, C_{1-4} alkyl or a group $-(CH_2)_m$ -COOM where m is 1 to 4 and M is as defined immediately above, with the proviso that no more than one R' group is such a group $-(CH_2)_m$ -COOM and the weight ratio of said first surfactant to said second surfactant being about 1:10 to about 10:1.

- 2. (currently amended) The method of Claim 1 wherein said first surfactant is selected from: a tertiary alkylamine and alkyletheramine; polyoxyethylene tertiary alkylamine and alkyletheramine alkyletheramine; quaternary ammonium; pyridine; imidazoline; polyoxyethylene alkylamine and alkyletheramine oxide; an alkylbetaine; and alkyl diamine and a polyoxyethylene alkyl diamine.
- 3. (original) The method of Claim 1 wherein said first surfactant is a tertiary alkylaming or alkyletheramine surfactant having the chemical formula

$$R^1$$
— N
 R^2

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where R^1 is a $C_{8\cdot24}$ hydrocarbyl group, optionally interrupted by one or more ether lix kages, and R^2 and R^3 are (a) independently $C_{1\cdot4}$ alkyl groups, or (b) polyoxyalkylene chains having in total 2 to about $100 C_{2\cdot4}$ alkylene oxide units.

- 4. (original) The method of Claim 3 wherein R¹ is a C₁₂₋₁₈ hydrocarbyl group and R² ard R³ are polyoxyethylene chains having in total 2 to about 100 ethylene oxide units.
- (original) The method of Claim 1 wherein, in the chemical formula for said second surfactant, the group R-CO- is a C₁₂₋₁₈ linear acyl moiety derived from one or more fitty acids.
- 6 (original) The method of Claim 1 wherein said second surfactant is an N-(C₁₂₋₁₈ line; r acyl) derivative of an α-amino acid.
- (original) The method of Claim 6 wherein said α-amino acid is selected from alaning, aspartic acid, glutamic acid, glycine, isoleucine, leucine, sarcosine and valine.
- 8. (original) The method of Claim 6 wherein said α-amino acid is sarcosine.
- 9. (original) The method of Claim 1 wherein said first surfactant and said second surfactant are present in a weight ratio of about 1:5 to about 5:1.
- 10. (original) The method of Claim 1 wherein the weight ratio of total surfactant to glyphosate acid equivalent is about 1:10 to about 1:1.

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- 11. (original) The method of Claim 1 wherein the weight ratio of total surfactant to glyphosate acid equivalent is about 1:6 to about 1:2.
- (original) The method of Claim 1 wherein the glyphosate herbicide is a water-solub e salt of glyphosate with a monovalent counterion.
- (original) The method of Claim 12 wherein the salt of glyphosate is selected from sodium, 13. potassium, ammonium, C_{1-16} organic ammonium and C_{1-16} organic sulfonium salts.
- (original) The method of Claim 12 wherein the salt of glyphosate is selected from so dium, potassium, ammonium, dimethylammonium, monoethanolammonium, n-propylamn onium, isopropylammonium and trimethylsulfonium salts.
- (currently amended) A herbicidal composition consisting essentially of comprising (a) a glyphosate herbicide; (b) a first surfactant having a chemical structure comprising consisting essentially of a cationic or protonatable amino group and a C₈₋₂₄ hydrocart yl group; and (c) a second surfactant having the chemical formula

R-CO-NR'-(CR'2),-COOM

where R is a C₇₋₂₃ hydrocarbyl group, n is 1 to 4, M is hydrogen or a cationic counterion, and R' groups are each independently hydrogen, C₁₋₄ alkyl or a group -(CH₂)_m-COOM where m is 1 to 4 and M is as defined immediately above, with the proviso that no more than one R' group is such a group -(CH₂)_m-COOM; the weight ratio of said first surfactant to said second surfactant being about 1:10 to about 10:1, and the weight ratio of total surfactant to glyphosate acid equivalent being about 1:30 to about 2:1.

16. (currently amended) The composition of Claim 15 wherein said first surfactant is selected from: tertiary alkylamine and alkyletheramine; polyoxyethylene tertiary alkylamine and

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alkyletheramine allkyletheramine; quaternary ammonium; pyridine; imidazoline; polyoxyethylene alkylamine and alkyletheramine oxide; an alkylbetaine; and alkyl diamine and polyoxyethylene alkyl diamine.

17. (original) The composition of Claim 15 wherein said first surfactant is a tertiary alkylamine or alkyletheramine surfactant having the chemical formula

$$R^1$$
—N R^2

where R^1 is a $C_{8.24}$ hydrocarbyl group, optionally interrupted by one or more ether lir kages, and R^2 and R^3 are (a) independently $C_{1.4}$ alkyl groups, or (b) polyoxyalkylene chains having in total 2 to about 100 $C_{2.4}$ alkylene oxide units.

- 18. (original) The composition of Claim 17 wherein R¹ is a C₁₂₋₁₈ hydrocarbyl group and R² and R³ are polyoxyethylene chains having in total 2 to about 100 ethylene oxide unit:
- 19. (original) The composition of Claim 15 wherein, in the chemical formula for said second surfactant, the group R-CO- is a C₁₂₋₁₈ linear acyl moiety derived from one or more fatty acids.
- (original) The composition of Claim 15 wherein said second surfactant is an N-(C_{12.8} linear acyl) derivative of an α-amino acid.
- 21. (original) The composition of Claim 20 wherein said α-amino acid is selected from alanine, aspartic acid, glutamic acid, glycine, isoleucine, leucine, sarcosine and valine.

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- 22. (original) The composition of Claim 20 wherein said α-amino acid is sarcosine.
- 23. (original) The composition of Claim 15 wherein said first surfactant and said second surfactant are present in a weight ratio of about 1:5 to about 5:1.
- 24. (original) The composition of Claim 15 wherein the weight ratio of total surfactant to glyphosate acid equivalent is about 1:10 to about 1:1.
- 25. (original) The composition of Claim 15 wherein the weight ratio of total surfactant to glyphosate acid equivalent is about 1:6 to about 1:2.
- 26. (original) The composition of Claim 15 wherein the glyphosate herbicide is a water-soluble salt of glyphosate with a monovalent counterion.
- 27. (original) The composition of Claim 26 wherein the salt of glyphosate is selected from sodium, potassium, ammonium, C_{1-16} organic ammonium and C_{1-16} organic sulfonium, salts.
- 28. (original) The composition of Claim 26 wherein the salt of glyphosate is selected from sodium, potassium, ammonium, dimethylammonium, monoethanolammonium, n-propylammonium, isopropylammonium and trimethylsulfonium salts.
- 29. (original) The composition of Claim 15 that is a dilute aqueous plant treatment composition having a glyphosate acid equivalent content of about 0.1% to about 10% by weight.

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- 30. (original) The composition of Claim 15 that is an aqueous concentrate composition raving a glyphosate acid equivalent content of about 10% to about 50% by weight.
- 31. (original) The composition of Claim 15 that is a dry water-soluble or water-dispersible composition having a glyphosate acid equivalent content of about 5% to about 80% by weight.
- 32. (original) A method of killing or controlling weeds comprising application to foliage of said weeds a composition of Claim 29 in a volume of about 25 to about 1000 l/ha.